



MEMORANDUM

TO: MAYOR AND MEMBERS OF TOWN COUNCIL
FROM: BOB FLETCHER, ATM ENGINEERING
SUBJECT: ENGINEERING UPDATE
DATE: JUNE 8, 2010
CC: ANTHONY W. BARRETT, TOWN MANAGER

Facilities/Asset Management Update:

- Held groundbreaking for new B&G facility. Construction is underway and on schedule.
- Reviewed proposals, negotiated and recommended award of Refuse and Recycling Services. New contract will provide significant savings to the Town.
- Bid out and awarded contracts for 5 stormwater drainage projects. Projects will be completed by end of June.
- Working with PALS and Bluffton Youth Sports regarding Bluffton recreation.
- Assisted with planting of memorial trees in Oyster Factory Park and Eagles Field.

Engineering Update:

- Engineering Website: Building & Grounds added as one of our Capital Improvement Program (CIP) projects.
- Held collaborative meetings with Beaufort County officials on topics including emergency & public safety communications (Ayers), Verdier Cove drainage (Fletcher & Malone), and transportation (Jarrett).
- Prepared documentation for major request of impact fee credits to Town as needed for Town-County legal meeting.
- James Ayers (ENG) and Trisha Greathouse (FIN) helped install the first Old Town rain garden on Calhoun Street (May River Montessori) with materials provided by the Town's Section 319 Grant under the purview of Kim Jones.
- James Ayers (ENG) and Trisha Greathouse (FIN) graduated on June 2nd from the Hilton Head-Bluffton Leadership Class of 2010, culminating nearly a year's worth of classes, projects, and civic &

service experiences designed to cultivate leadership resources and provide opportunities to understand needs and opportunities at local, regional, and state levels.

- Engineering and Facilities helped with the Bluffton Village Festivals on May 8th and staff (Budak) took questions and comments from the public, etc.
- Laura Budak coordinated with Bluffton Historical Preservation Society on visit by Mr. Joe McGill of the National Trust. Included tour of African-American Heritage sites, including the Garvin House and the Praise House that is owned by First Zion Church. Participants included members of Campbell Chapel AME and St. John's Baptist Church and a luncheon hosted by Reverend Green and cooked by members of the St. John's congregation.
- The following people attended the Chemical Response Training in Charleston on May 6th. Jeff Wiggins, Julie Bulger, and Melvin Hamilton.

CIP Update:

Old Town Improvements

May River Road/Bruin Road Streetscape: Construction Phase

- Grant related work: Participation agreement begun by SCDOT.

Wayfinding Signage: Design Phase

- Design work ongoing and nearly final.
- Held conference call with Grant administrator on May 13th; Discussed various aspects of project and requirements for Grant.

Town Facilities

Law Enforcement Center: Construction Phase

- Complete building pad; Continue on grading and stormwater system; Started sanitary sewer; Started building foundation and related activities

Buildings & Grounds Relocation: Design/Construction Phase

- Construction underway and on schedule
- Held Grand Breaking Ceremony

Sewer & Water

Buck Island Sewer (Phase 1): Design Phase

- Filed condemnations and acquired access; Obtained approval from State to release construction contract; Handled contract with Jordan Construction.

- Held pre-construction meetings with Jordan and BJWSA, LCOG, and Town; PUPS started utility locating activities and Jordan started surveying work.

Buck Island Sewer (Phase 2): Design Phase

- Prepared and submitted permit packages (including plans) to BJWSA (DHEC-EQC delegate), SCDOT (via BJWSA), and DHEC-OCRM.
- Met with BJWSA to review design comments and toured work area with BJWSA representatives to confirm infrastructure and services.

Buck Island Sewer (Phase 3): Applied for grant

- Responded to State request for clarifications on grant application; Prepared exhibit and narrative for response.
- Toured LCOG through project site to document house locations and services.

Old Town/Maiden Lane Sewer: Design/Construction Phase

Bruin Road:

- 3 to 5 LMI sewer hookups completed, 2 remaining.

Maiden Lane:

- Trunk line complete; Road patching, overlay and LIM sewer hookups remain.

Stormwater-Small Projects: Design/On Going Construction Phase

- Awarded contracts for five (5) projects previously approved by Council.

Verdier Cove Drainage Basin: Implementation Phase

- Ditch maintenance completed from power easement to Red Cedar; visually monitoring flow results
- Met with County regarding results to date and under road piping at Red Cedar and Bluffton Parkway.

Park Development

Parks & Recreation Improvements: Concept Phase

- Available budget now \$35,000 due to moving money to projects.
- Continuing to use funds for small Park expenditures.

Oyster Factory Park: Implementation Phase 1

- Pre approval from Town Council, are negotiating with a contractor. Expect to have a contract in June.
- Received OCRM permits. Waiting for ACE permit.

DuBois Park: Concept Phase

- FY 11 activities will include development of an overall conceptual master plan, preliminary design documents, demolition of abandoned structures and cleanup.

Pathways**New River Trail Head: Design Phase**

- Continued to negotiate with contractors on short list; Have conducted some interviews.

Buckwalter Place Greenway Trail: Design Phase

- Surveying and design awarded to Witmer, Jones, and Keefer.
- Project kickoff meeting held May 27th.

Buck Island/Simmons ville Pathway: Concept Phase

- School constructed all but 200 feet of sidewalk on Buck Island Road to Wellstone Development.
- Staff evaluating possible locations for next sidewalk construction.

Attachments: 1. Verdier Cove Drainage Basin

Verdier Cove Drainage Basin

Attachment 1

Action Items Update 6-8-2010

Number	Activity	Status
1	Remove sections of the logging road in B-11	Complete
2	Survey Bluffton Park Lagoons (B-9, B10 & B-5)	Complete: Lagoons constructed per design documents
3	Verify flow south of Hidden Lakes	Completed: Thomas & Hutton confirmed flow moves south into B-11 where historical flow is to the North
4	Perform Ditch Maintenance	1) Power easement north to Hwy. 278 & south to Red Cedar completed 2) Next maintenance phase includes B-11
5	Temporarily block flow from to parcel B-11 and into Teardrop Lagoon	Part of Phase 3
6	Supplemental Measurements	Completed Report submitted March 16, 2010
7	Lower operating levels of B-9, B-10 & B-5 to planned design level of 17'	Hold pending results of activity #4
8	Determine basis of Stockfarm filtration outflow	Hold pending results of activity # 4